

Title (en)

HERBICIDE TARGET GENES AND METHODS

Title (de)

ZIELGEN EINES HERBIZIDS UND VERFAHREN

Title (fr)

GENES CIBLES HERBICIDES ET PROCEDES CORRESPONDANTS

Publication

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Application

EP 00940370 A 20000613

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Abstract (en)

[origin: WO0077185A2] The present invention provides plant ENR-A, CBL, UROD, PBGD, and CPPO genes. Also disclosed are the recombinant production of ENR-A, CBL, UROD, PBGD and CPPO enzymes in heterologous hosts, screening chemicals for herbicidal activity using these recombinantly produced enzymes, and the use of thereby identified herbicidal chemicals to suppress the growth of undesired vegetation. Furthermore, the present invention provides methods for the development of herbicide tolerance in plants, plant tissues, plant seeds, and plant cells using ENR-A, CBL, UROD, PBGD, and CPPO genes of the invention.

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